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Grade and Section: _____

Date: _____
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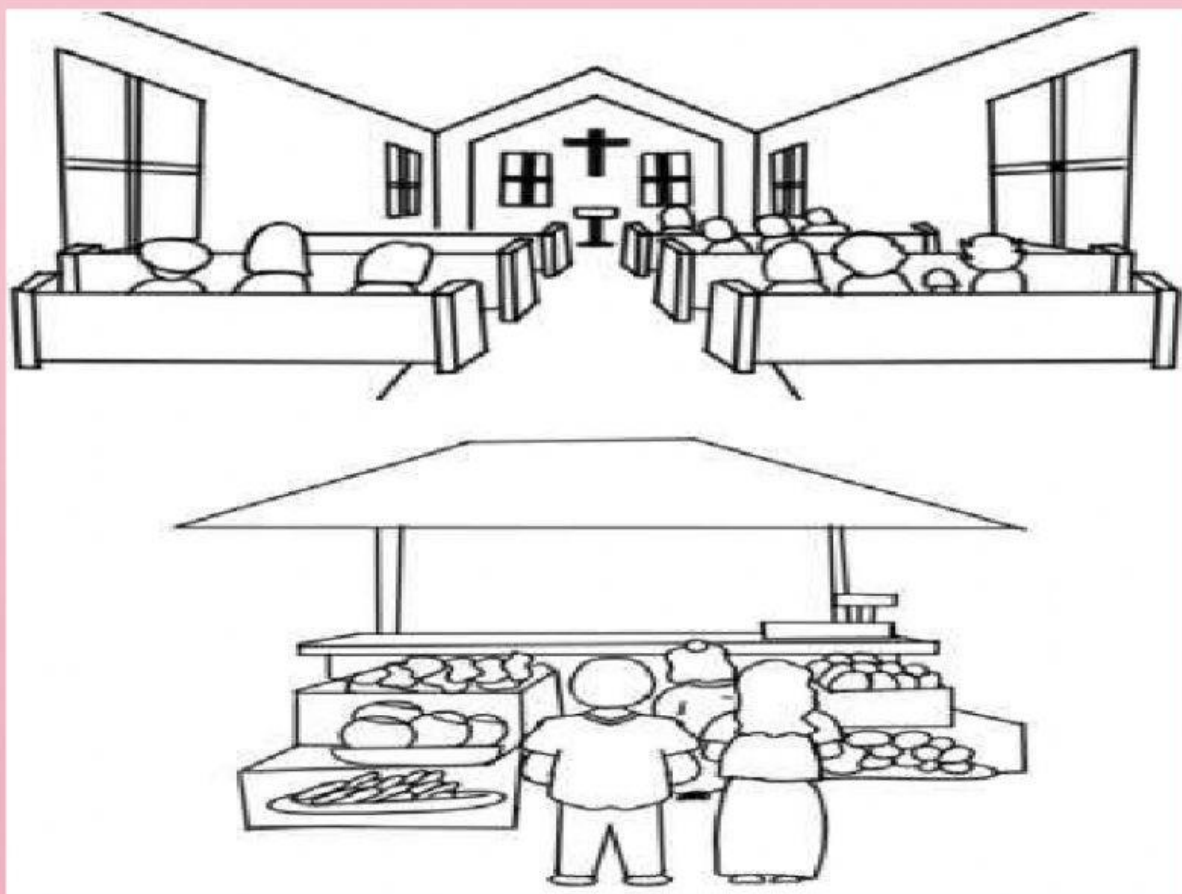
Science I/Quarter 3/Week 8

Different Objects: Different Sounds

This Learning Activity Sheet is about:

1. recognize the different types of sound produced by different objects;
2. create a DIY (do it yourself) instrument and make a sound; and
3. conclude that different objects make different sounds.

Have you been to a church? Have you been to a market? What is the difference between the two places? The difference is the sound that you hear in these two places



Sing the song in the tune of "If you're happy and you know it" by Joe Raposo. Do the action stated while singing the song. Objective: Show that objects create a sound. Materials: Spoon and a plastic bottle with few mungo seeds inside. Procedure: Do activities A, B, and C.

A. Use the spoon for knocking on the door.

If you're happy and you know it
knock the door! (knock, knock)
If you're happy and you know it
knock the door! (knock, knock)
If you're happy and you know it
And you really want to show it
If you're happy and you know it
knock the door! (knock, knock)



B. Use a plastic bottle for shaking.

If you're happy and you know it
Shake it now! (shake, shake)
If you're happy and you know it
Shake it now! (shake, shake)
If you're happy and you know it
And you really want to show it
If you're happy and you know it
Shake it now! (shake, shake)



C. Repeat activity A and B but make it a bit faster.

1. How was it? Did you enjoy the activity?
2. What are the differences between the sounds produced by each object?

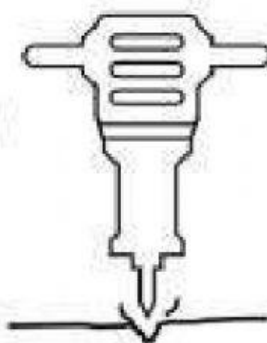
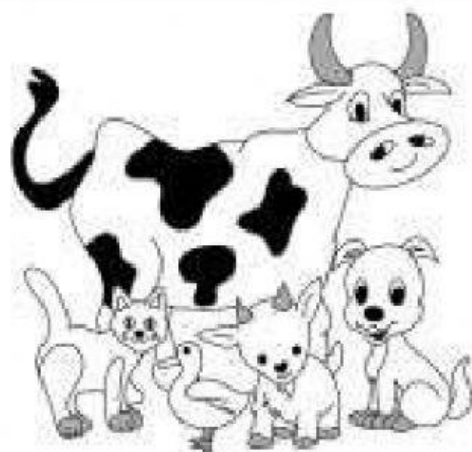
Based on the activity, which object makes a louder sound? Does the sound change when it was done faster? Both materials used in the activity produced sounds, but they produced different sounds.

Different Types of Sound Made by Objects

Everything around you produces different sounds. Humans, animals, vehicles, and objects produce sounds. Sound can be soft, loud, pleasant, unpleasant, audible (can be heard), and inaudible (cannot be heard).



Illustration: <https://www.shutterstock.com/search/children-singing>
children extra and child MUSIC Date: February 28



Some sounds are produced by beating, blowing, shaking, strumming, and tapping or hitting (Pineda, 2007).
The pictures below are examples of instruments that produce sounds through:



beating the drum



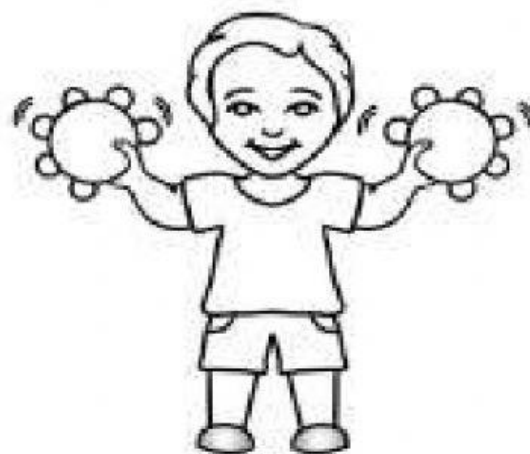
blowing the flute



strumming the guitar

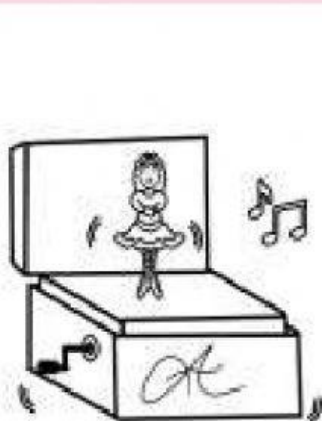


shaking the maracas



tapping and shaking the tambourine

Weak force produces soft sounds. Objects that produce soft sounds **are pleasant for the ears**.



music box

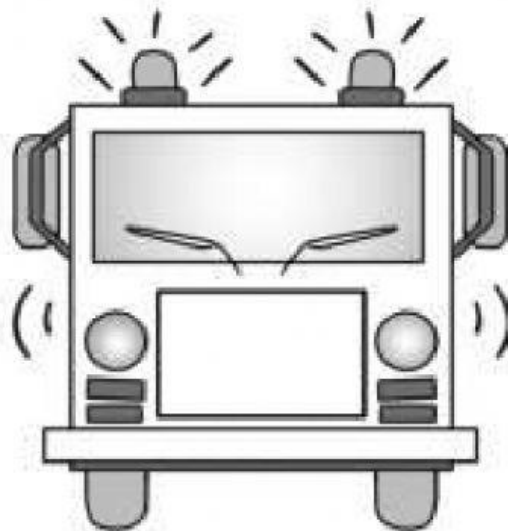
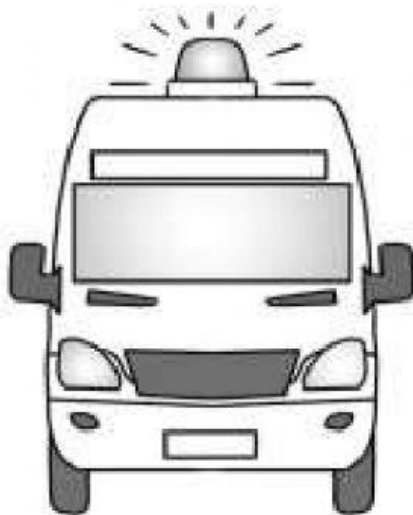


softly playing
the violin



ticking of
the clock

Strong force produces loud sound. Objects that produce too much loud sound are unpleasant for the ears. The siren of the ambulance and firetruck produces loud sound.



REMEMBER!

Too much sound can cause noise, they are not good for the ears of human beings. Avoid too much noise to prevent noise pollution (Pineda, 2007).

I. Direction: Draw (/) if the picture described produces sound or (X) if it does not produce a sound.



1. chirping bird

Source: <https://pixabay.com/vectors/bird-blue-singing-nature-animal-616803/> Date: January 30, 2015



2. sleeping baby

Source: <https://pixabay.com/illustrations/baby-sleeping-newborn-sleep-4310385/> Date: July 2, 2019



3. blooming flower

Source: <https://pixabay.com/vectors/floral-flower-petal-plant-2029471/> Date: February 1, 2017



4. strumming of guitar

Source: <https://pixabay.com/illustrations/man-sleeping-mexican-guitar-music-3262834/> Date: March



5. clapping of hands

Source: <https://pixabay.com/vectors/applause-clapping-hands-black-297115/> Date: April 29, 2014

Read and analyze each situation. Write **TRUE** if the statement is correct or **FALSE** if not. Write your answers on the blank.

- _____ 1. Strong force produces loud sound.
- _____ 2. Beating the drum faster produces a soft sound.
- _____ 3. You can make a sound by shaking a piggy bank filled with coins.
- _____ 4. Softly strumming of guitar produces a pleasant sound.
- _____ 5. A mother singing a lullaby makes a pleasant sound for the baby.

II Direction: Write the letter of the best answer inside the box.

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1. Which of the following statements best describes soft sound?
- A. barking dogs
 - B. a sleeping baby
 - C. mother singing lullaby
 - D. A band playing drums during the festival.

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2. Which of the following statements best describes loud sound?
- A. chirping of bird
 - B. A kid singing a song.
 - C. softly strumming a guitar
 - D. An ambulance rushing to the hospital.

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3. Which of the following statements is NOT true?
- A. Musical instruments are all loud.
 - B. Calm music is pleasant for the ears.
 - C. Strong force can produce a loud sound.
 - D. Softly strumming a guitar creates a pleasant sound.

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4. Which is true about noise?

A. Soft sound produces noise.

B. Noise is pleasant for the ears.

C. Noise is not good for the ears.

D. Soft sound produces noise pollution.

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5. Which of the following statements is NOT true about sound?

A. Too much sound can produce noise.

B. Loud sound is caused by a strong force.

C. Different objects produce different sounds.

D. Soft sound is caused by a weak force and it is unpleasant for the ears

